

POWERED BY **Dialog****Manufacture of molding assistant and molding assistant-complexed high-molecular complex**  
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JP 2001233992	A	20010828	JP 200043187	A	20000221	200170	B

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Patent	Kind	Language	Page	Main IPC	Filing Notes
JP 2001233992	A		12	C08K-009/06	

**Abstract:**

JP 2001233992 A

NOVELTY A molding assistant is blended with a high-molecular material in molding the high-molecular material. The high-molecular material is plasticized to enhance moldability.

DETAILED DESCRIPTION The molding assistant is formed by complexing a complex composition containing at least a silicon component and/or a metallic component and oxygen with support material particles.

USE The method manufactures the molding assistant for use in the molding assistant-complexed high-molecular complex.

ADVANTAGE Polypropylene containing the molding assistant has a decreased viscosity. In molding the high-molecular material, the molding assistant effectively plasticizes the resin material with a small amount of the molding assistant.

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**Technology Focus:**

TECHNOLOGY FOCUS - POLYMERS - Preferred Composition: The high-molecular material consists of a thermoplastic high-molecular material. The support material particles consist of inorganic particles having at least aluminum hydroxide or magnesium hydroxide as its major constituent.

Preferred Method: The manufacture of the molding assistant comprises:

(a) dispersing and/or dissolving a metallic element and/or an silicon inorganic compound in a solvent